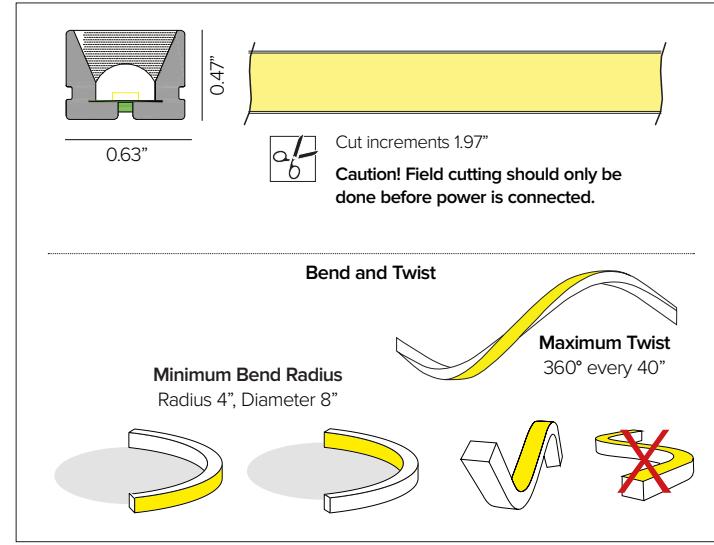
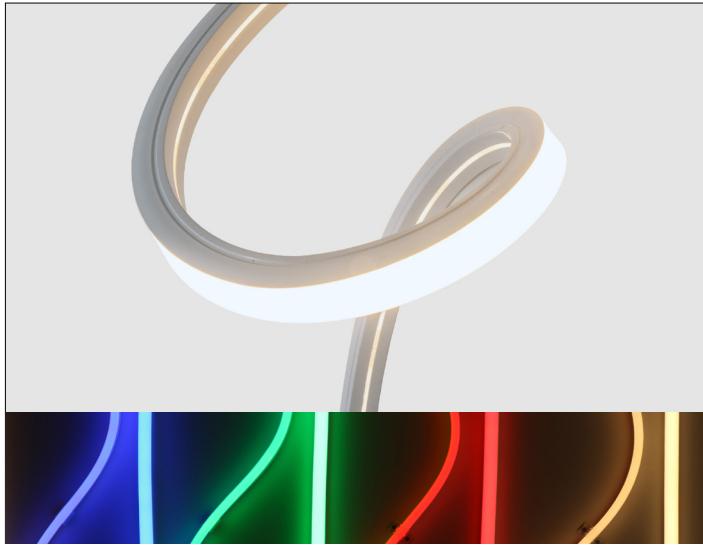


DURAFLEX LUMA TOP

Flexible Light Strip for Continuous Light Effects



CONCEPT

Energy efficient LED flexible 'neon' linear with flat lens for continuous static white and monochromatic color applications.

MECHANICAL CHARACTERISTICS

Materials	Extruded silicone with LED strip and milky white diffusion lens.
Functionality	Extremely flexible and adjustable lengths for varied architectural applications.
Installation	Manufacturer pre-assembled to specific project lengths with factory attached end prep assemblies. To be completed with clip or channel mountings. Suitable for MRI installations. Driver to be mounted outside of MRI room and to be used with PVC or aluminum profiles only. To be installed with adhesive or MRI safe hardware only, no factory provided mounting hardware to be used.
Protection	IP67 (For use in outdoor or indoor applications).

CERTIFICATIONS

cULus Class 2 Listed
Tested in accordance with LM-79-08
Energy efficient for California installations.
RoHS compliant

WARRANTY

5 year limited warranty

ELECTRICAL CHARACTERISTICS

Power Connection	Factory attached end prep, see available options. Remote Class 2 120V-277V AC power supply required, see available options.
Wattage	2.8W/ft / 4.3W/ft
Voltage	24V DC
Trigger Time	< 0.2s
Number of cycles	100,000
Operating Temp.	-25°C / +35°C
Max Continuous Length	30ft / 2.8W/ft 16ft / 4.3W/ft Factory manufactured individual run lengths. Field trimmable every 1.97".

SOURCE

LEDs	43 LEDs/ft
Spacing	0.28" O.C. LED Spacing
TM30	CCT (Nominal) CRI Rf Rg R9 DUV SDCM
<i>Data represents 4.3W/ft version only; refer to photometry section for all fixture variations.</i>	
2200K	94 92 99 64 -0.0004 2
2400K	93 92 99 61 -0.0002 2
2700K	94 92 99 65 0.0004 2
3000K	92 91 99 60 0.0005 2
3500K	93 92 99 71 0.0010 2
4000K	94 91 99 70 0.0008 2
Flex & LED Details	CCT W/LED Efficacy* Delivered Lumens Viewing Angle
<i>Data represents 4.3W/ft version only; refer to photometry section for all fixture variations.</i>	
2200K	0.10W 65Lm/W 281Lm/ft 114°
2400K	0.10W 71Lm/W 304Lm/ft 114°
2700K	0.10W 79Lm/W 338Lm/ft 114°
3000K	0.10W 83Lm/W 355Lm/ft 114°
3500K	0.10W 83Lm/W 356Lm/ft 114°
4000K	0.10W 86Lm/W 368Lm/ft 114°
Lifetime	L70/B10 ≥50,000hrs at max TA +25°C

DURAFLEX LUMA TOP

SPECIFICATION INFORMATION

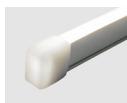
DFA						/	/	/
1	2	3	4	5	6	7	8	9

Ex: DFTB4302724/KT10UTL1/KT10UTC1/DMLE301242UD

1 - PRODUCT CODE	2 - BEND	3 - WATTAGE	4 - RATING	5 - KELVIN	6 - VOLTAGE			
DFA — DURAFLEX	TB — LUMA TOP VERTICAL	28 — 2.8W/ft	O — IP65	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K Consult factory for 2200K & 2400K versions.	24 — 24V DC			
DFA — DURAFLEX	TB — LUMA TOP VERTICAL	43 — 4.3W/ft	O — IP65	22 — 2200K 24 — 2400K 27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	24 — 24V DC			
DFA — DURAFLEX	TB — LUMA TOP VERTICAL	28 — 2.8W/ft	O — IP65	RD — Red GR — Green BL — Blue YL — Yellow OR — Orange	24 — 24V DC			
7 - END PREP CONNECTION	8 - MOUNTING	9 - POWER SUPPLY						
REQUIRED See section for details	REQUIRED See section for details	REQUIRED See section for details						

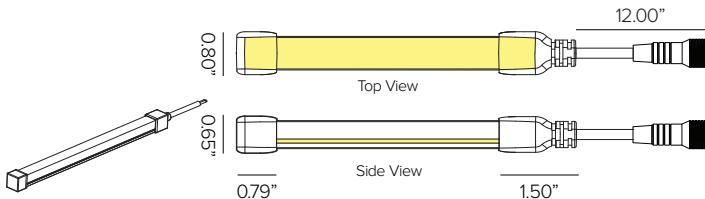
DURAFLEX LUMA TOP

7 - END PREP CONNECTION (REQUIRED)



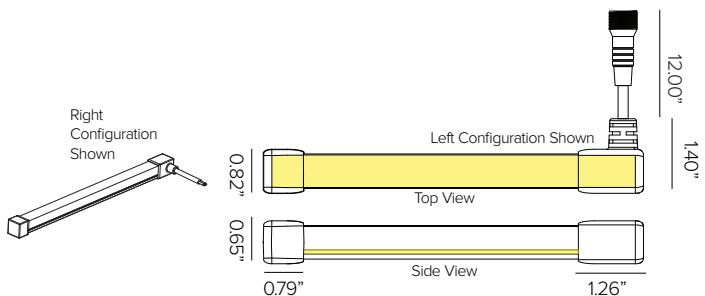
TRANSLUCENT SILICONE:

Purchase by length only, factory assembled. Field cuttable.
Caution! Field cutting should only be done before power is connected.



DURAFLEX TOP translucent silicone straight end prep connection, factory pre-assembled. Lead wire/dead end allows for connection to power at lead end and field trim of DURAFLEX product at the other end. Completed with translucent silicone factory attached end cap.

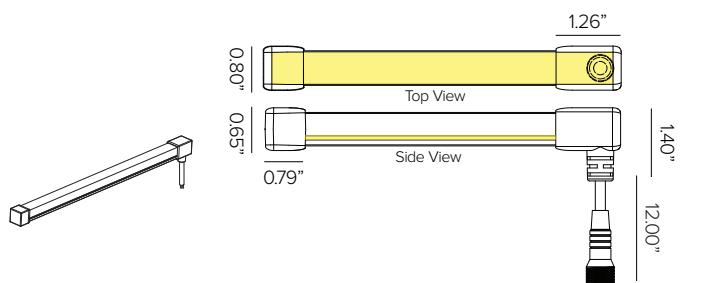
Part No. **KT10UTL1**



DURAFLEX TOP translucent silicone side (left/right) end prep connection, factory pre-assembled. Lead wire/dead end allows for connection to power at lead end and field trim of DURAFLEX product at the other end. Completed with translucent silicone factory attached end cap.

Side Left Right

Part No. **KT10UTL2L** **KT10UTL2R**

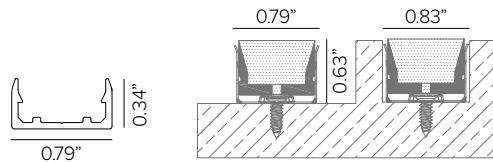


DURAFLEX TOP translucent silicone bottom end prep connection, factory pre-assembled. Lead wire/dead end allows for connection to power at lead end and field trim of DURAFLEX product at the other end. Completed with translucent silicone factory attached end cap.

Part No. **KT10UTL3**

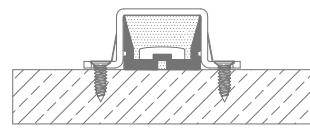
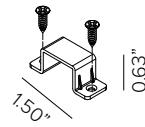
DURAFLEX LUMA TOP

8 - MOUNTING (REQUIRED)



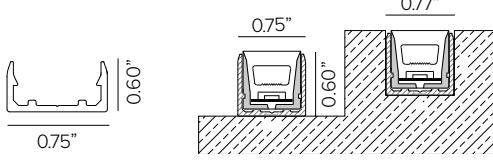
DURAFLEX TOP bottom fixing clips, stainless steel. Includes 5 clips and 5 screws.

Part No. **KT10UTC1**



DURAFLEX TOP transparent clips kit. Includes 5 clips and 10 screws.

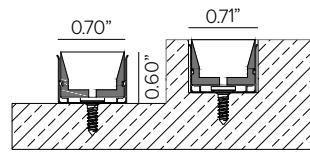
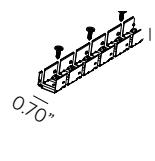
Part No. **KT10UTS1**



DURAFLEX TOP aluminum rigid profile with 2ea screws.

Dimension: 39" (1M) Length. **Note, translucent cap style and bottom termination end prep configurations rest outside of the profile.**

Part No. **KT10UTP1**



DURAFLEX TOP flexible stamped stainless steel profile secured with screws, 1ea provided per foot. Available in 1ft lengths. **Note, translucent cap style and bottom termination end prep configurations rest outside of the profile.**



Part No. **KTUTFP2**

DURAFLEX LUMA TOP

9 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DMLE301242UD	30W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DMLE601242UD	60W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DELI601241CPWM	60W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DELX601241CPWM	60W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DELI901241CPWM	90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DELX901241CPWM	90W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	10" x 10" x 4"	MEANWELL electronic PWM driver.
DMLE961242UD	96W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54	EMCOD electronic driver with wiring compartment.
DELV96124D	96W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DELI1802242CPWM	2X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DELX1802242CPWM	2X90W	0-10V	1%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE1922242UD	2X96W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81	EMCOD electronic driver with wiring compartment.
DELI2703243CPWM	3X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DELX2703243CPWM	3X90W	0-10V	1%	NEMA1	120-277V / 24V	UL Class 2	12" x 12" x 4"	MEANWELL electronic PWM driver.
DMLE2882242UD	3X96W	MLV / ELV / 0-10V / TRIAC	0-10V 0% MLV <10% ELV <10%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81	EMCOD electronic driver with wiring compartment.

STAND ALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DEL60PWM	60W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	5.9" X 2.09" X 1.38"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.
DEL90PWM	90W	0-10V	1%	IP67	120-277V / 24V	UL Class 2	6.73" X 2.48" X 1.48"	MEANWELL electronic PWM driver. UL listed enclosure provided by others.

MAX INTERCONNECTED FLEX LENGTHS PER DRIVER								
Driver Wattage								
Fixture Wattage	30W	60W	90W	96W	2X90W	2X96W	3X90W	3X96W
2.8W	8FT	17FT	25FT	27FT	(2) 25FT	(2) 51FT	(3) 48FT	(3) 52FT
4.3W	5FT	11FT	17FT	18FT	(2) 17FT	(2) 25FT	(3) 24FT	(3) 35FT

DURAFLEX LUMA TOP

PHOTOMETRY

IES FILES SHOWN AT 1M (3.28FT) LENGTHS

2.8W/ft



4.3W/ft

